

01A-0007

nexeo™
solutions

SAP# 899

Page: 1

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Nexeo Solutions	Regulatory Information Number	1-855-429-2661
3 Waterway Square Place	Telephone	1-855-429-2661
Suite 1000		
Woodlands, Tx. 77380	Emergency telephone number	1-855-639-3648

Product name MINERAL SPIRITS ODORLESS

Product code 20094

Product Use Description Solvent.

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, clear

CAUTION! COMBUSTIBLE LIQUID AND VAPOR. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY BE HARMFUL IF INHALED. MAY BE HARMFUL IF SWALLOWED. THIS MATERIAL (OR A COMPONENT) IS AN ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. MAY CAUSE EYE IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE DERMATITIS AND BURNS.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Eye contact

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin contact

May cause mild skin irritation. Symptoms may include redness and burning of skin. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage. Passage of this material into the body through the skin is possible, and may add to toxic effects from breathing or swallowing.

Ingestion

Swallowing this material may be harmful or fatal. This material (or a component) is an aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation

Breathing of vapor or mist is possible. Breathing this material may be harmful or fatal. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.). It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring).

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, Eyes, Upper respiratory tract, lung (for example, asthma-like conditions)

Symptoms

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), cough, difficult breathing, shortness of breath, wheezing, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects, Fever, Skin contact may provoke the following symptoms: redness of the skin, Swelling of tissue, Burn, Blistering, Additional symptoms of eye exposure may include: Redness, blurred vision

Target Organs

Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans., Overexposure to this material (or its components) has been suggested as a

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

cause of the following effects in laboratory animals:, central nervous system damage, cardiovascular effects

Carcinogenicity

Based on the available information, this material cannot be classified with regard to carcinogenicity.

Reproductive hazard

Based on the available information, risk to the fetus from maternal exposure to this material cannot be assessed.

Environmental Effects

Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No. / trade secret no.	Concentration
Naphtha (petroleum), heavy alkylate	64741-65-7	100%

4. FIRST AID MEASURES

General Information

Consult a physician. Show this safety data sheet to the doctor in attendance.

Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Notes to physician

Hazards: This material (or a component) is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 2 - Swallowing) when deciding whether to induce vomiting.

Treatment: No information available.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Dry chemical, Carbon dioxide (CO₂), Water spray

Hazardous combustion products

May form: carbon dioxide and carbon monoxide, various hydrocarbons

Precautions for fire-fighting

If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

NFPA Flammable and Combustible Liquids Classification
Combustible Liquid Class II

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Ensure adequate ventilation. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Other information

Comply with all applicable federal, state, and local regulations. Suppress (knock down) gases/vapours/mists with a water spray jet.

7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

observed. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

Storage

Store in a cool, dry, ventilated area, away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Naphtha (petroleum), heavy alkylate		64741-65-7
OSHA	8-hour time weighted average	500 ppm
OSHA	8-hour time weighted average	2,000 mg/m3
OSHA	8-hour time weighted average	400 ppm
OSHA	8-hour time weighted average	1,600 mg/m3

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Eye protection

Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin and body protection

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

Wear resistant gloves (consult your safety equipment supplier).

Discard gloves that show tears, pinholes, or signs of wear.

Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	liquid
Colour	clear
Odour	hydrocarbon-like
Boiling point/boiling range	347 - 383 °F / 175 - 195 °C
pH	not applicable
Flash point	124 °F / 51 °C

SAFETY DATA SHEET

MINERAL SPIRITS ODORLESS
20094

Revision Date: 10/31/2013
Print Date: 8/20/2014
MSDS Number: 100000005071
Version: 1.0

Lower explosion limit/Upper explosion limit	0.6 %(V) / 7.0 %(V)
Vapour pressure	0.700 hPa @ 68 °F / 20 °C
Relative vapor density	5.3 AIR=1
Density	(Approximate) 0.758 g/cm3 @ 60.1 °F / 15.6 °C
Water solubility	0.05 g/l negligible
Auto-ignition temperature	658.0 °F / 347.8 °C

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Avoid contact with:, Heat, flames and sparks.

Incompatible products

Avoid contact with:, Strong oxidizing agents

Hazardous decomposition products

May form:, carbon dioxide and carbon monoxide, various hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Acute oral toxicity - : no data available
Product

Acute oral toxicity - Components

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

Naphtha (petroleum),
heavy alkylate : LD50: > 2,000 mg/kg Species: rat

Acute inhalation toxicity

Acute inhalation toxicity -
Product : no data available

Acute inhalation toxicity - Components

Naphtha (petroleum),
heavy alkylate : LC50: > 5.9 mg/l Exposure time: 4 h Species: rat Remarks:
Very toxic by inhalation.

Acute dermal toxicity

Acute dermal toxicity -
Product : no data available

Acute dermal toxicity - Components

Naphtha (petroleum),
heavy alkylate : LD50: > 2,000 mg/kg Symptoms: Local irritation

Acute toxicity (other routes of administration)

Acute toxicity (other
routes of administration) : no data available

12. ECOLOGICAL INFORMATION

Biodegradability

Biodegradability - Product : no data available

Bioaccumulation

Bioaccumulation - Product : no data available

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

Ecotoxicity effects

Toxicity to fish

Toxicity to fish - Product : no data available

Toxicity to fish - Components

Naphtha (petroleum),
heavy alkylate : LC50: > 1,000 mg/l
Species: Fish

Toxicity to daphnia and other aquatic invertebrates

Toxicity to daphnia and
other aquatic invertebrates
- Product : no data available

Toxicity to daphnia and other aquatic invertebrates - Components

Naphtha (petroleum),
heavy alkylate : EC50: > 1,000 mg/l
Species: Aquatic invertebrates

Toxicity to algae

Toxicity to algae -
Product : no data available

Toxicity to algae - Components

Naphtha (petroleum),
heavy alkylate : EC50: > 1,000 mg/l
Species: Aquatic plants

Toxicity to bacteria

Toxicity to bacteria -
Product : no data available

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group at 800-637-7922.

14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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U.S. DOT - ROAD

UN 1268	PETROLEUM DISTILLATES, N.O.S.	CBL		III	
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U.S. DOT - RAIL

UN 1268	PETROLEUM DISTILLATES, N.O.S.	CBL		III	
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U.S. DOT - INLAND WATERWAYS

UN 1268	PETROLEUM DISTILLATES, N.O.S.	CBL		III	
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TRANSPORT CANADA - ROAD

UN 1268	PETROLEUM DISTILLATES, N.O.S.	3		III	
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TRANSPORT CANADA - RAIL

UN 1268	PETROLEUM DISTILLATES, N.O.S.	3		III	
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**SAFETY DATA SHEET**

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094**TRANSPORT CANADA - INLAND WATERWAYS**

UN	1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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INTERNATIONAL MARITIME DANGEROUS GOODS

UN	1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN	1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN	1268	PETROLEUM DISTILLATES, N.O.S.	3	III
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MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN	1268	DESTILADOS DE PETROLEO, N.E.P.	3	III
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*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION**California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
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SARA Hazard Classification
SARA 311/312 Classification

SAFETY DATA SHEET

Revision Date: 10/31/2013

Print Date: 8/20/2014

MSDS Number: 100000005071

Version: 1.0

MINERAL SPIRITS ODORLESS
20094

Fire Hazard
Acute Health Hazard

SARA 313 Component(s)

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

New Jersey RTK Label Information

Naphtha (petroleum), heavy alkylate	64741-65-7
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Pennsylvania RTK Label Information

Naphtha (petroleum), heavy alkylate	64741-65-7
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Notification status

United States TSCA Inventory	y (positive listing)
Canadian Domestic Substances List (DSL)	y (positive listing)
Australia Inventory of Chemical Substances (AICS)	y (positive listing)
Japan. ENCS - Existing and New Chemical Substances Inventory	y (positive listing)
Japan. ISHL - Inventory of Chemical Substances (METI)	y (positive listing)
Korea. Korean Existing Chemicals Inventory (KECI)	y (positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)
China. Inventory of Existing Chemical Substances in China (IECSC)	y (positive listing)

	HMIS	NFPA
Health	1	1
Flammability	2	2
Physical hazards	0	
Instability		0
Specific Hazard	--	--



SAFETY DATA SHEET

MINERAL SPIRITS ODORLESS
20094

Revision Date: 10/31/2013
Print Date: 8/20/2014
MSDS Number: 100000005071
Version: 1.0

16. OTHER INFORMATION

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by NEXEO™ Solutions EHS Product Safety Department (1-855-429-2661) MSDS@nexeosolutions.com.